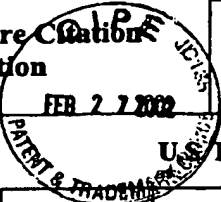


PTO-1449 Information Disclosure Citations In an Application		Application No. 10/028,009 Docket Number 004578.1147		Applicant(s) Paul E. Doucette, et al. Group Art Unit Unknown		Filing Date December 21, 2001	
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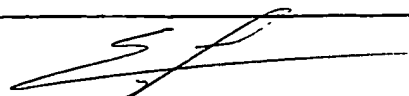


UNITED STATES PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
ES	A	4,839,652	06/13/89	O'Donnell, et al.			
ES	B	4,983,970	01/08/91	O'Donnell, et al.			
	C						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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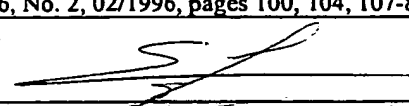
DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)	
R	U.S. Serial No. 09/567,543, filed May 5, 2000, entitled "PHASED ARRAY ANTENNA DATA RE-ALIGNMENT", by inventors G. Van Andrews, et al., 22 pages of text and 4 drawing sheets. (Attorney Docket No.004578.1005, 99E016).
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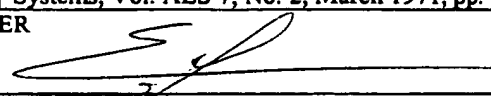
EXAMINER 	DATE CONSIDERED 4/6/05
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PTO-1449		Application No. 10/028,009		Applicant(s) Paul E. Doucette, et al.		
Information Disclosure Citation In an Application		Docket Number 004578.1147	Group Art Unit Unknown	Filing Date December 21, 2001		
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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
✓	A	3,887,918	Bailey	—	—	—
↑	B	4,688,045	Knudsen	—	—	—
	C	4,749,995	Hopwood, et al.	—	—	—
	D	4,886,069	O'Donnell	—	—	—
	E	5,084,708	Champeau, et al.	—	—	—
	F	5,223,843	Hutchinson	—	—	—
	G	5,271,034	Abaunza	—	—	—
	H	5,414,433	Chang	—	—	—
	I	5,461,389	Dean	—	—	—
	J	5,764,187	Rudish, et al.	—	—	—
✓	K	5,943,010	Rudish, et al.	—	—	—
✓	L	6,031,485	Cellai, et al.	—	—	—
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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
✓	M	2 130 798 A	UK	—	—	—
✓	N	2 313 711 A	UK	—	—	—
✓	O	WO-01/67548 A2	PCT	—	—	—
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DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)						
✓	R	Thompson, Rick et al., "An 8-Bit 2-Gigasample/Second A/D Converter Multichip Module for Digital Receiver Demonstration on Navy AN/APS-145 E2-C Airborne Early Warning Aircraft Radar", IEEE Trans on CPMT Part B, vol. 21, No. 4, 11/1998, pp. 447-462.				
✓	S	Brinegar, C., et al. "Design of an Integrated RF Filter for the Direct Digitization Front End of a Dual GPS/GLONASS Software Radio Receiver", IEEE RAWCON '98 Proceedings, 8/1998, cover sheet and pp. 277-280.				
✓	T	Ho, K.C., et al., "A Digital Quadrature Demodulation System", IEEE Trans. on AES, Vol. 32, No. 4, 10/1996, pp. 1218-1227.				
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[Signature]			4/6/05			
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PTO-1449				Application No. 10/028,009		Applicant(s) Paul E. Doucette, et al.	
Information Disclosure Citation In an Application				Docket Number 004578.1147		Group Art Unit Unknown	
						Filing Date December 21, 2001	
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<input checked="" type="checkbox"/>	U	6,052,085	04/18/2000	Hanson, et al.			
<input checked="" type="checkbox"/>	V	6,141,371	10/31/2000	Holmes, et al.			
<input checked="" type="checkbox"/>	W	6,191,735	02/20/2001	Schineller			
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	Y						
	Z						
	AA						
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES NO
	GG						
	HH						
	II						
	JJ						
	KK						
DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)							
<input checked="" type="checkbox"/>	LL	Brown, A. et al., "Digital Downconversion Test Results with a Broadband L-Band GPS Receiver", IEEE Digital Avionics Systems Conf. 10/1994, cover sheet and pp. 426-431.					
<input checked="" type="checkbox"/>	MM	Eerola, V. et al., "Direct Conversion Using Lowpass Sigma-Delta Modulation", Proc. IEEE Int'l Symposium on Circuits and Systems, 5/1992, cover sheet and pp. 2653-2656.					
<input checked="" type="checkbox"/>	NN	Steyskal, Hans, "Digital Beamforming at Rome Laboratory", Microwave Journal, U.S. Horizon House, Dedham, vol. 176, No. 2, 02/1996, pages 100, 104, 107-8, 110, 113-4, 116, 119-120, 122, 124, 126.					
EXAMINER 					DATE CONSIDERED 4/06/05		
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PTO-1449		Application No. 10/028,009		Applicant(s) Paul E. Doucette, et al.				
Information Disclosure Citation In an Application		Docket Number 004578.1147	Group Art Unit Unknown	Filing Date December 21, 2001				
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AAA							
	BBB							
	CCC							
DOCUMENT (Including Author, Title, Source, Pertinent Pages, and Date)								
	DDD	U.S. Serial No. 09/519,069, filed March 3, 2000, entitled "DIGITAL PHASED ARRAY ARCHITECTURE AND ASSOCIATED METHOD", by inventor Gary A Frazier, text pages 1-31 and 3 drawing sheets. (Attorney Docket RAYT:009, case 37323).						
	EEE	Wong, A.C.C., "Radar Digital Beamforming", Standard Telecommunication Laboratories, Harlow, Essex, U.K., Military Microwaves Conference 1982, 10/20/83, cover sheet and pp. 287-294.						
	FFF	Caputi, William J., "Stretch: A Time-Transformation Technique", IEEE Transactions on Aerospace and Electronic Systems, Vol. AES-7, No. 2, March 1971, pp. 269-278.						
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PTO-1449

Application No.

10/028,009

Applicant(s)

Paul E. Doucette, et al.

Information Disclosure Citation
In an Application

Docket Number

004578.1147

Group Art Unit

2821

Filing Date

December 21, 2001

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A	5,475,392	12/12/95	Newberg, et al.			
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	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
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R	Guirong, et al. "Mixer-free All Digital Quadrature Demodulation", IEEE Proceedings of the Fourth International Conference on Signal Processing (ICSP), October 12, 1998, Vol. 2, pages 1704-1707 and an index sheet.
S	
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PTO-1449

Application No.

10/028,009

Applicant(s)

Paul E. Doucette, et al.

Docket Number

004578.1147

Group Art Unit

Unknown

Filing Date

December 21, 2001

Information Disclosure Citation
in an Application

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
2/1	A	5,517,529	05/14/96	Stehlik		
11	B	6,160,505	12/12/00	Vaishampayan		
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	D					
	E					
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	O					--	
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	Q						

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2/1	R	Brown, et al., "Digital L-Band Receiver Architecture With Direct RF Sampling", IEEE Position Location and Navigation Symposium, April 1994, pages 209-216 plus IEEE abstract sheet.
11	S	Song, William S., "A New 3-GSPS 65-GOPS UHF Digital Radar Receiver and Its Performance Characteristics", Thirty-First Asilomar Conference on Signals, Systems & Computers, November 1997, Vol. 2, pages 1542-1546 plus IEEE abstract sheet.
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